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S2	132	(watermark\$3 or embed\$5) same (bit near3 planes)	US-PGPU B; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/01/18 16:22
S3	5626	382/100,232;380/210,252, 287,54;713/176;704/200.1, 273;381/73.1;348/460,463. ccls.	US-PGPU B; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/01/18 16:23
S4	226	S3 and (bit near3 planes)	US-PGPU B; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/01/18 16:24
S5	111	S4 and watermark\$5	US-PGPU B; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/01/18 16:46
S6	41	S3 and ((bit near3 planes) same (watermark\$3 or embed\$5))	US-PGPU B; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/01/18 16:25
S7	281	watermark\$ and (digital near3 sensor\$1)	US-PGPU B; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/01/23 13:06
S8	5	S7 and (bit near3 plane\$1)	US-PGPU B; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/01/23 13:18

S9	196166	SOC or (system near2 on near2 chip)	US-PGPU B; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/01/23 13:19
S10	196166	SOC or "system on a chip"	US-PGPU B; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/01/23 13:19
S11	18	"system on a chip"	US-PGPU B; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/01/23 13:21
S12	9988	(single_near5 chip) and (watermark\$4 or encrypt\$5 or embed\$5)	US-PGPU B; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/01/23 13:22
S13	15	((single near5 chip) same (digital near3 array)) and (watermark\$4 or encrypt\$5 or embed\$5)	US-PGPU B; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/01/23 13:22
S14	6092	382/100,232;380/210,252, 287,54;713/176,704/200.1, 273;381/73.1;348/460,463. ccls.	US-PGPU B; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/06/09 16:32
S15	6092	382/100,232;380/210,252, 287,54;713/176,704/200.1, 273;381/73.1;348/460,463. ccls.	US-PGPU B; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/06/09 16:29
S16	6092	382/100,232;380/210,252, 287,54;713/176,704/200.1, 273;381/73.1;348/460,463. ccls.	US-PGPU B; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/06/09 16:32

S17	174	S16 and ((watermark\$4 embed\$4 insert\$4) same (bit near4 plane\$1))	US-PGPU B; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/06/09 16:37
S18	212	S16 and ((watermark\$4 embed\$4 insert\$4 add\$4 incorporat\$6 comb\$7) same (bit near4 plane\$1))	US-PGPU B; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/06/09 16:39
S19	38	S18 not S17	US-PGPU B; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/06/09 16:39
S20	2124	((watermark\$4 embed\$4 insert\$4 add\$4 incorporat\$6 comb\$7) same (bit near4 plane\$1))	US-PGPU B; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/06/10 09:14
S21	892	S20 and quality	US-PGPU B; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/06/09 16:40
S22	97	((watermark\$4 embed\$4 insert\$4 add\$4 incorporat\$6 comb\$7) same (bit near4 plane\$1)) same quality	US-PGPU B; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/06/09 16:41
S23	2149	((watermark\$4 embed\$4 insert\$4 add\$4 incorporat\$6 comb\$7 hid\$4) same (bit near4 plane\$1))	US-PGPU B; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/06/10 09:27
S24	2	"6215421".pn.	US-PGPU B; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/06/10 09:16

S25	273	S23 and ((correlat\$4 compar\$4 differenc\$4 subtract\$4) near4 (images frames))	US-PGPU B; USPAT; EPO; JPO; DERWEN T; IBM_TDB	OR	OFF	2005/06/10 09:19
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Chang, C.-C.; Chuang, J.-C.; Lai, Y.-P.;  
 Vision, Image and Signal Processing, IEE Proceedings-  
 Volume 151, Issue 2, 30 April 2004 Page(s):137 - 145

[AbstractPlus](#) | Full Text: [PDF\(577 KB\)](#) IEE JNL**2. Memory efficient image coding with embedded zero block-tree coder**

Arora, H.; Singh, P.; Khan, E.; Ghani, F.;  
 Multimedia and Expo, 2004. ICME '04. 2004 IEEE International Conference on  
 Volume 1, 27-30 June 2004 Page(s):679 - 682 Vol.1

[AbstractPlus](#) | Full Text: [PDF\(561 KB\)](#) IEEE CNF**3. Image compression using optimal variable block truncation coding**

Long Wen Chang; Ching Yang Wang;  
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 13-15 Sept. 1999 Page(s):413 - 418

[AbstractPlus](#) | Full Text: [PDF\(287 KB\)](#) IEEE CNF**4. Matching pursuits video coding using generalized bit-planes**

Caetano, R.; da Silva, E.A.; Ciancio, A.G.;  
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[AbstractPlus](#) | Full Text: [PDF\(355 KB\)](#) IEEE CNF**5. Improved coding of atoms in matching pursuits**

Monro, D.M.; Poh, W.;  
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[AbstractPlus](#) | Full Text: [PDF\(312 KB\)](#) IEEE CNF**6. Level-embedded lossless image compression**

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- 2. An error spreading scheme for video streaming over the Internet**  
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- 3. Error-resilient image and video transmission over the Internet using unequal error correction**  
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- 4. Application of bit-plane decomposition steganography to JPEG2000 encoded images**  
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- 5. Hiding data in multitone images for data communications**  
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